

WHAT IS CLAIMED IS:

1. An impact resistant roofing shingle comprising an asphalt coated substrate whose unexposed surface is laminated to an organic film.
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2. A shingle in accordance with Claim 1 wherein said organic film is formed of an organic film.
3. A shingle in accordance with Claim 2 wherein said organic film is provided
10 by a latex.
4. A shingle in accordance with Claim 3 wherein said latex plastic is selected from the group consisting of a polyurethane, a polyacrylate and polyvinyl halide.
- 15 5. A shingle in accordance with Claim 1 wherein said organic film is a rubber polymer modified asphalt.
6. A shingle in accordance with Claim 1 wherein said organic film is a thermoplastic film having a melting point higher than the melting temperature of the
20 asphalt coating said substrate or a thermosetting film having a decomposition temperature higher than the melting temperature of the asphalt coating said substrate.
7. A shingle in accordance with Claim 6 where said organic film is selected from the group consisting of polyamide films and polyester films.
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8. A shingle in accordance with Claim 7 wherein said organic film is polyethylene terephthalate film.

9. A shingle in accordance with Claim 1 wherein said organic film is an adhesive laminated to a plastic film

10. A shingle in accordance with Claim 9 wherein said adhesive is a rubber
5 polymer-modified asphalt, an acrylic, a polyurethane, a silicone or a rubber polymer.

11. A shingle in accordance with Claim 9 wherein said plastic film is a thermoplastic having a melting point or a thermosetting resin having a decomposition temperature higher, lower or the same as the melting point of said asphalt coating.
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12. A shingle in accordance with Claim 1 wherein said exposed asphalt coating includes granules.

13. A shingle in accordance with Claim 1 wherein said substrate is a web, a
15 scrim or a felt of a fibrous material selected from the group consisting of mineral fibers, cellulosic fibers, rag fibers, synthetic fibers and mixtures thereof.

14. A shingle in accordance with Claim 13 wherein said substrate is a nonwoven web of glass fibers.
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15. A process of making an impact resistant roofing shingle comprising the steps of:

asphalt coating a substrate, said substrate being a web, a scrim or a felt of a fibrous material, whereby an asphalt coated substrate web is formed;
25 cooling said asphalt coated web;
applying an organic film to said asphalt coated web bottom surface;
whereby an organic film laminate is formed;
drying said organic film laminated web; and
cutting said laminated web into impact resistant roofing shingles.

16. A process in accordance with Claim 15 wherein said organic film is applied by spraying a latex onto said bottom surface of said asphalt coated substrate.

5 17. A process in accordance with Claim 15 wherein said organic film is applied by coating said bottom surface of said asphalt coated substrate with a rubber polymer modified asphalt.

10 18. A process in accordance with Claim 15 wherein said organic film is applied by compressive contacting a plastic film having a higher melting point or decomposition temperature than the melting point of said asphalt to the bottom surface of said asphalt coated substrate.

15 19. A process in accordance with Claim 18 wherein said plastic film is polyethylene terephthalate.

20 20. A process in accordance with Claim 15 wherein said organic film is applied to said asphalt coated substrate web by the steps of
 applying an adhesive to said bottom surface of said asphalt coated substrate;
20 and
 laminating a plastic film to said adhesive.

21. A process in accordance with Claim 15 wherein said substrate is a nonwoven glass fiber web.